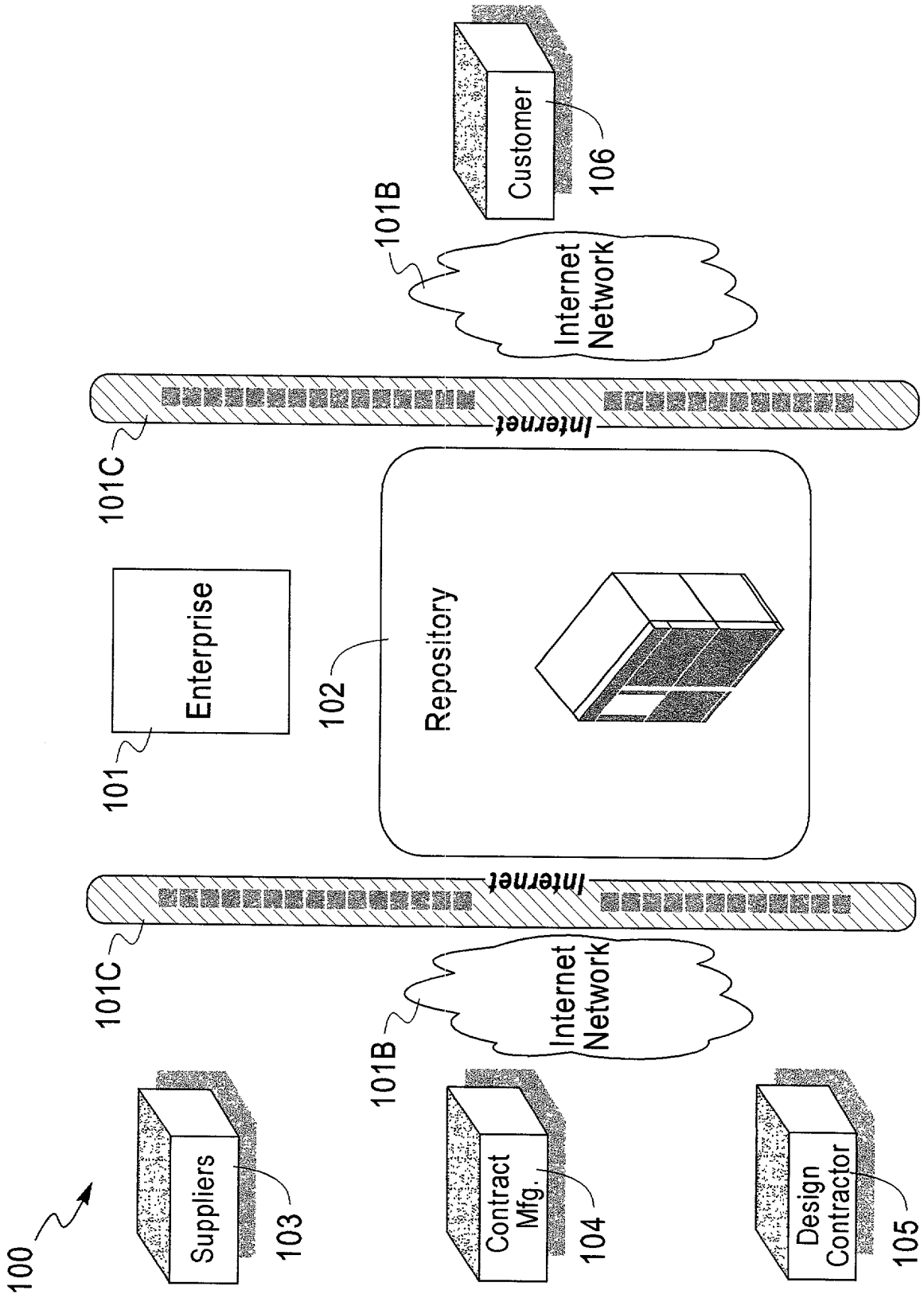

100
Suppliers
103
Contract Mfg.
104
Design Contractor
105
101B
Internet Network
101C
Internet
Enterprise
101
Repository
102
Internet
101C
101B
Internet Network
Customer
106

Fig. 1

PCT/EP2001/01209

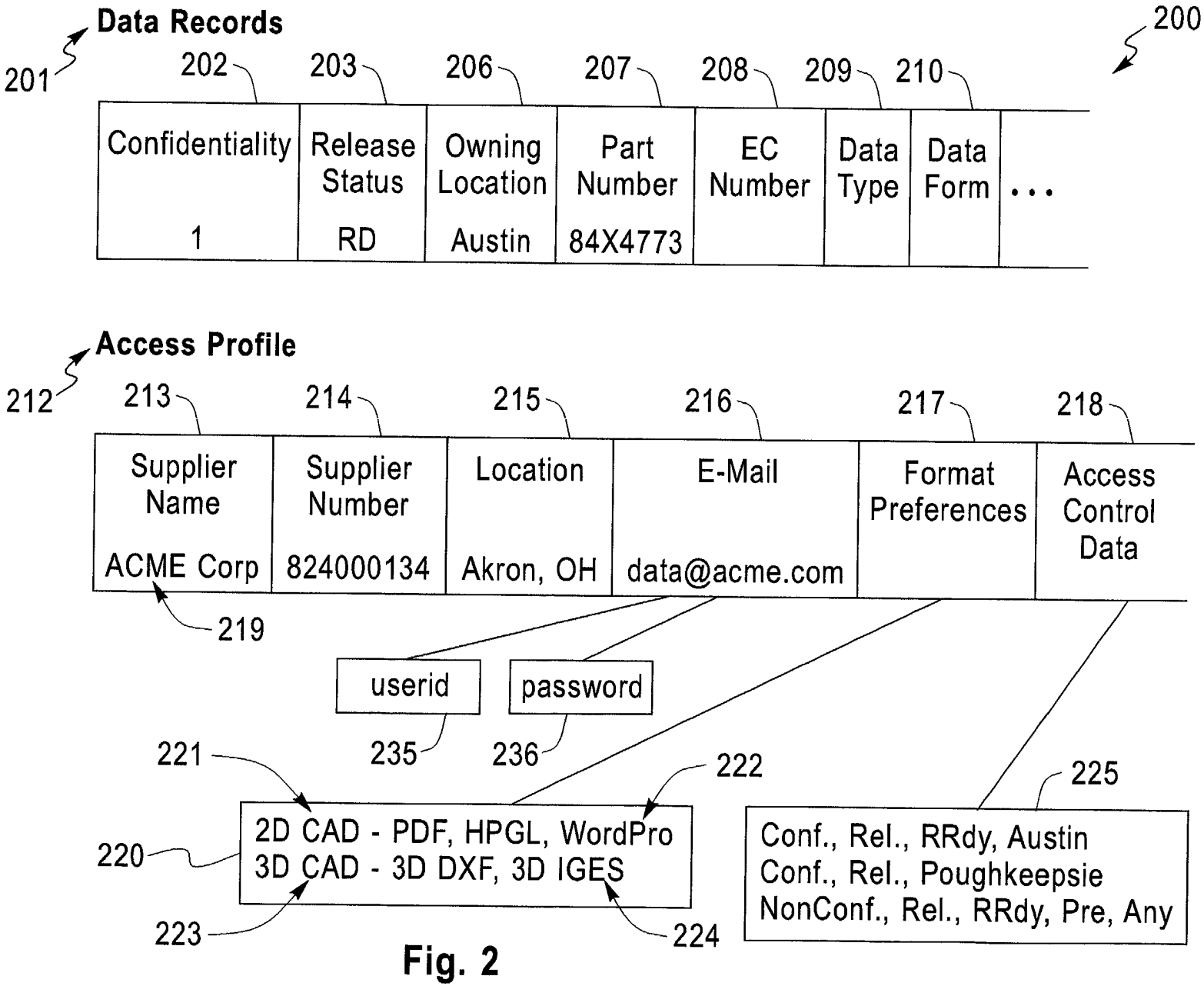


Fig. 2

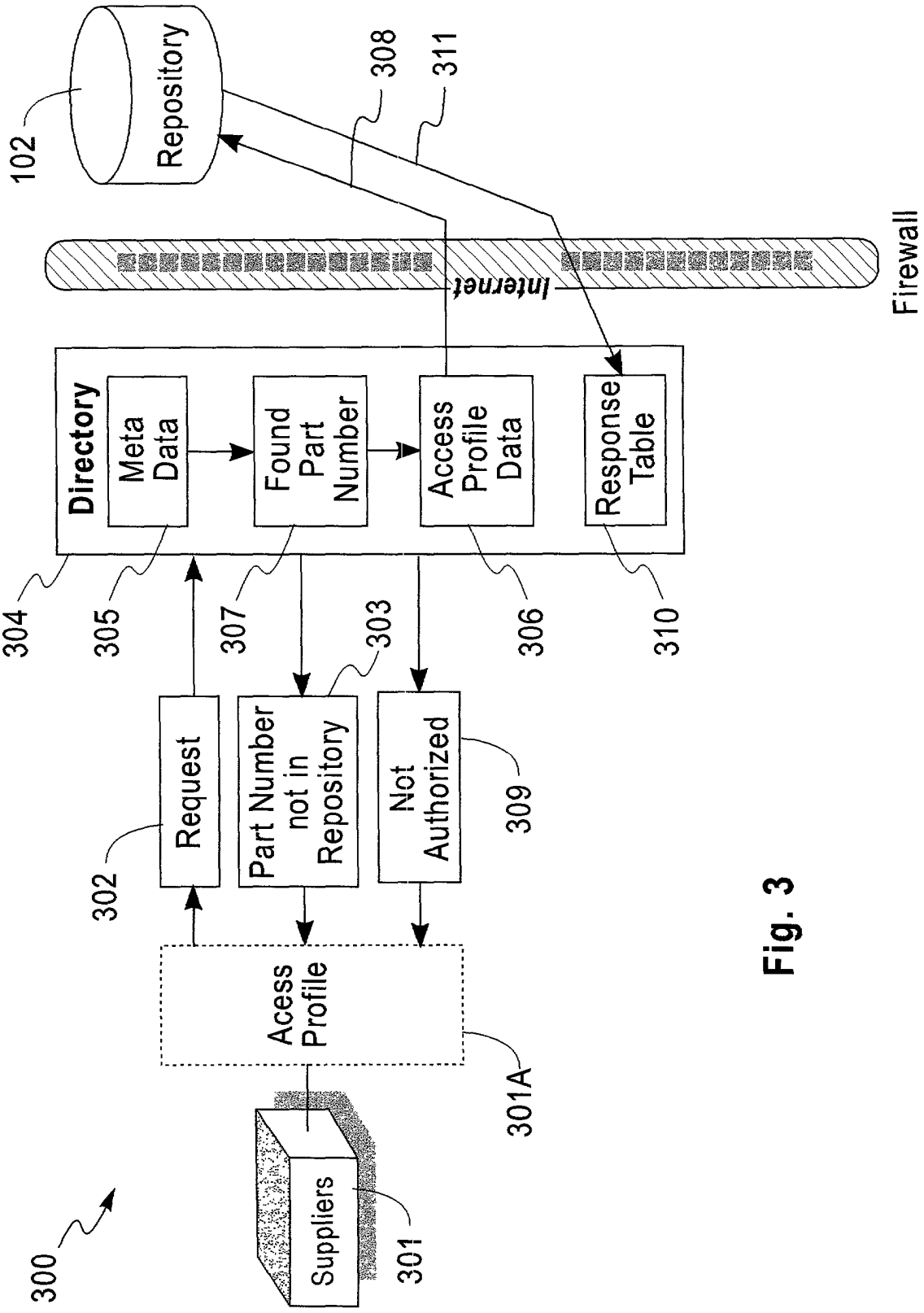
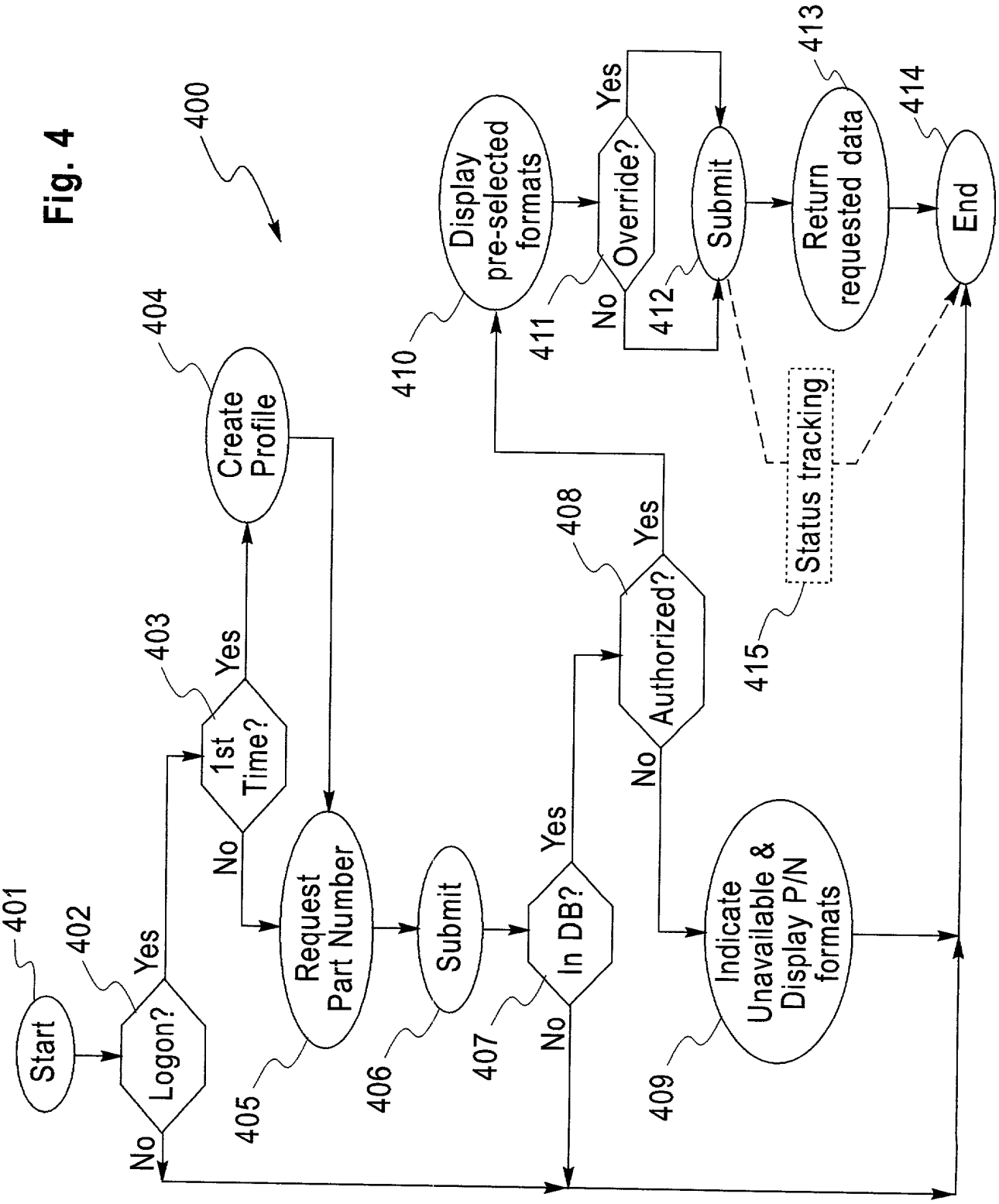
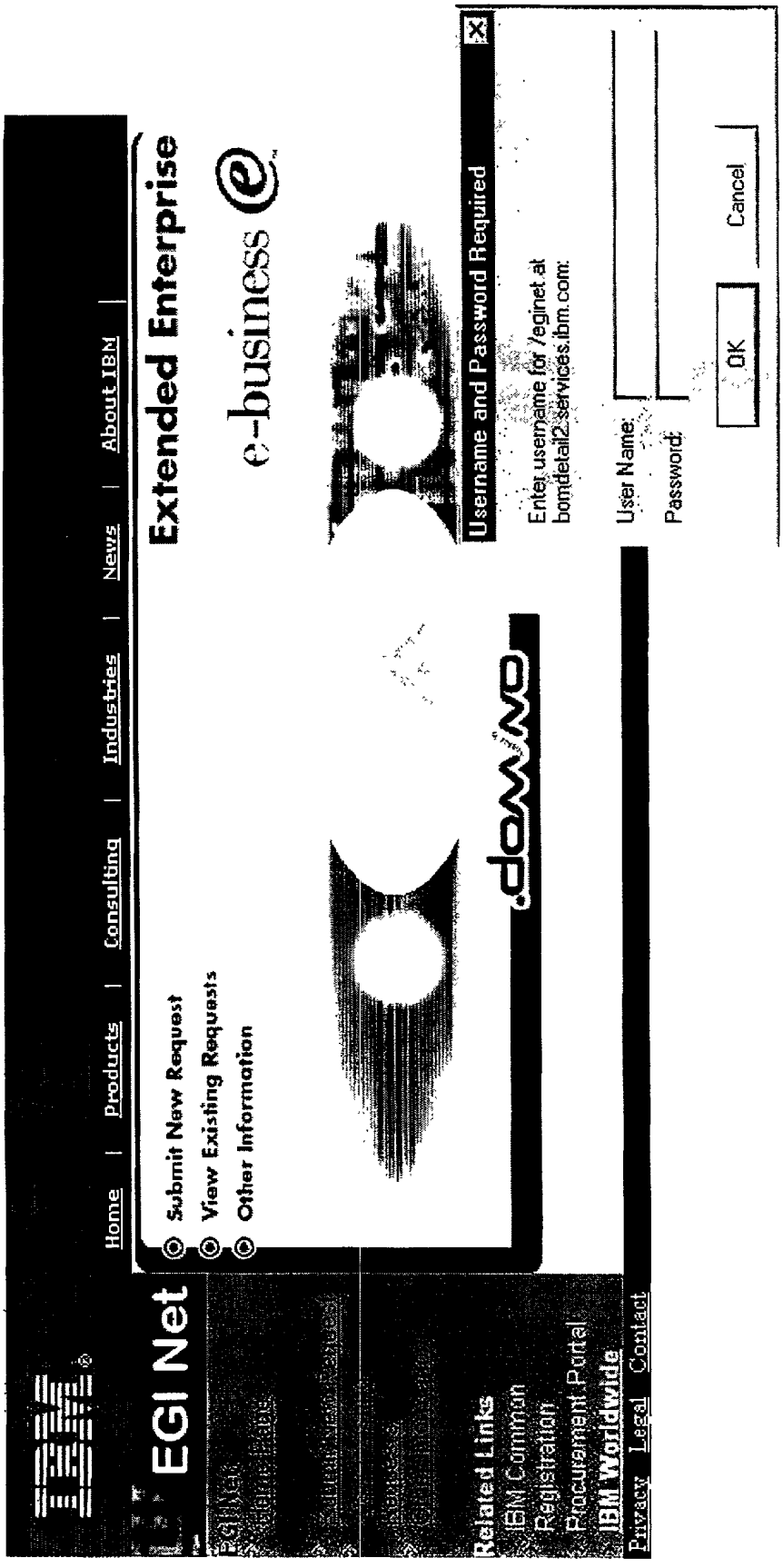

Repository
102
308
311
Internet
Firewall
Directory
Meta Data
Found Part Number
Access Profile Data
Response Table
304
305
307
303
306
310
Request
Part Number not in Repository
Not Authorized
309
302
Acess Profile
301A
Suppliers
301
300

Fig. 3

Fig. 4


400
Start
401
Logon?
402
Yes
No
1st Time?
403
Yes
No
Create Profile
404
Request Part Number
405
Submit
406
In DB?
407
Yes
No
Authorized?
408
Yes
No
Indicate Unavailable & Display P/N formats
409
Display pre-selected formats
410
Override?
411
Yes
No
Submit
412
Return requested data
413
End
414
Status tracking
415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EGI Net
Extended Enterprise
e-business
Submit New Request
View Existing Requests
Other Information
Related Links
IBM Common Registration
Procurement Portal
IBM Worldwide
Privacy Legal Contact
domino
Username and Password Required
Enter username for /eginet at bomdeltal2.services.ibm.com:
User Name:
Password:
OK
Cancel

Fig. 5A

User File Format Preferences

2D Format:	3D Format:	Other Format:
☐ 2D CADAM Model ☐ 2D DXF - Drafting Data ☑ 2D HPGL - Drafting Data ☐ 2D HPGL - Schematic Data ☐ 2D IGES - Drafting Data ☐ 2D PDF - Drafting Data ☑ 2D TIFF - Drafting Data ☐ 2D Viewport - Drafting Data ☐ CATIA Model(CATEXP) ☐ CorelDRAW Data ☐ CorelDRAW PDF Data ☐ DDLOGIC Data ☐ DDPHYSI Data ☐ ECNOTICE Text ☐ Gerber Data ☐ IGES Data ☐ IMAGE Data (IBM IOCA) ☐ Lotus WordPro Document ☐ MIF Data ☐ NCDRIL Data ☐ PKZIP (Compressed) Data ☐ PostScript Data ☐ TDIBOM Data ☐ TDITXT Data ☐ WordPro PDF Data	☐ 3D DXF - Wireframe Geometry ☐ 3D IGES - Surface Geometry ☑ 3D IGES- Wireframe Geometry ☐ 3D Pro/E Part ☐ 3D STEP - Geometry Data ☐ CATIA Model (CATEXP) ☐ IGES Data	☐ Nothing

Fig. 5B

PUBLISHED DOCUMENT

Electronic Graphic Interchange Request

Request Number:

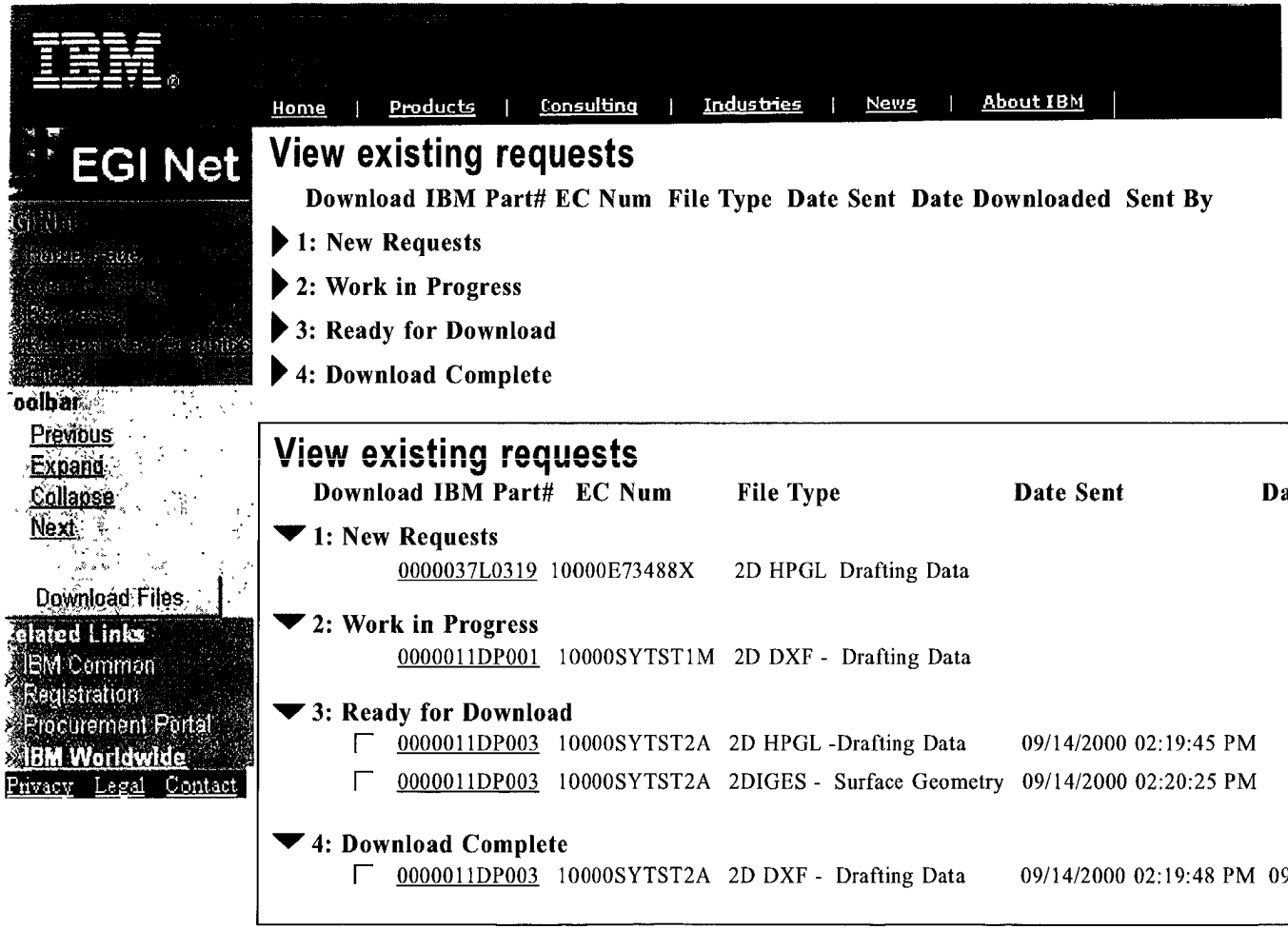
IBM Site: Amsterdam

Submitted By: **Matthew Rosenthal@IBM**

IBM Contact Name:

IBM Part Number	Engineering Change #	Formats Available	Status	Release Date	Basic Name
0000037L0319	10000E73488X	☐ 2D PDF - Drafting Data ☐ 2D DXF - Drafting Data ☑ 2D HPGL - Drafting Data ☐ 2D IGES - Drafting Data ☐ 2D Viewport - Drafting Data ☐ 3D DXF - Wireframe Geometry ☑ 3D IGES - Wireframe Geometry ☐ 3D Pro/E Part ☐ 3D STEP - Geometry Data ☐ CATIA Model(CATEXP) ☐ 3D IGES - Surface Geometry ☐ Bill of Materials	RD	2000-06-15	Bracket

Fig. 5C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EGI Net
oolbar
Previous
Expand
Collapse
Next
Download Files
elated Links
IBM Common
Registration
Procurement Portal
IBM Worldwide
Privacy Legal Contact
View existing requests
Download IBM Part# EC Num File Type Date Sent Date Downloaded Sent By
1: New Requests
2: Work in Progress
3: Ready for Download
4: Download Complete
View existing requests
Download IBM Part# EC Num File Type Date Sent Date Downloaded Sent By
1: New Requests
0000037L0319 10000E73488X 2D HPGL Drafting Data
2: Work in Progress
0000011DP001 10000SYTST1M 2D DXF - Drafting Data
3: Ready for Download
0000011DP003 10000SYTST2A 2D HPGL -Drafting Data 09/14/2000 02:19:45 PM Eginet Support
0000011DP003 10000SYTST2A 2DIGES - Surface Geometry 09/14/2000 02:20:25 PM Eginet Support
4: Download Complete
0000011DP003 10000SYTST2A 2D DXF - Drafting Data 09/14/2000 02:19:48 PM 09/14/2000 04:14:16 PM Eginet Support

Fig. 5D

Fig. 6

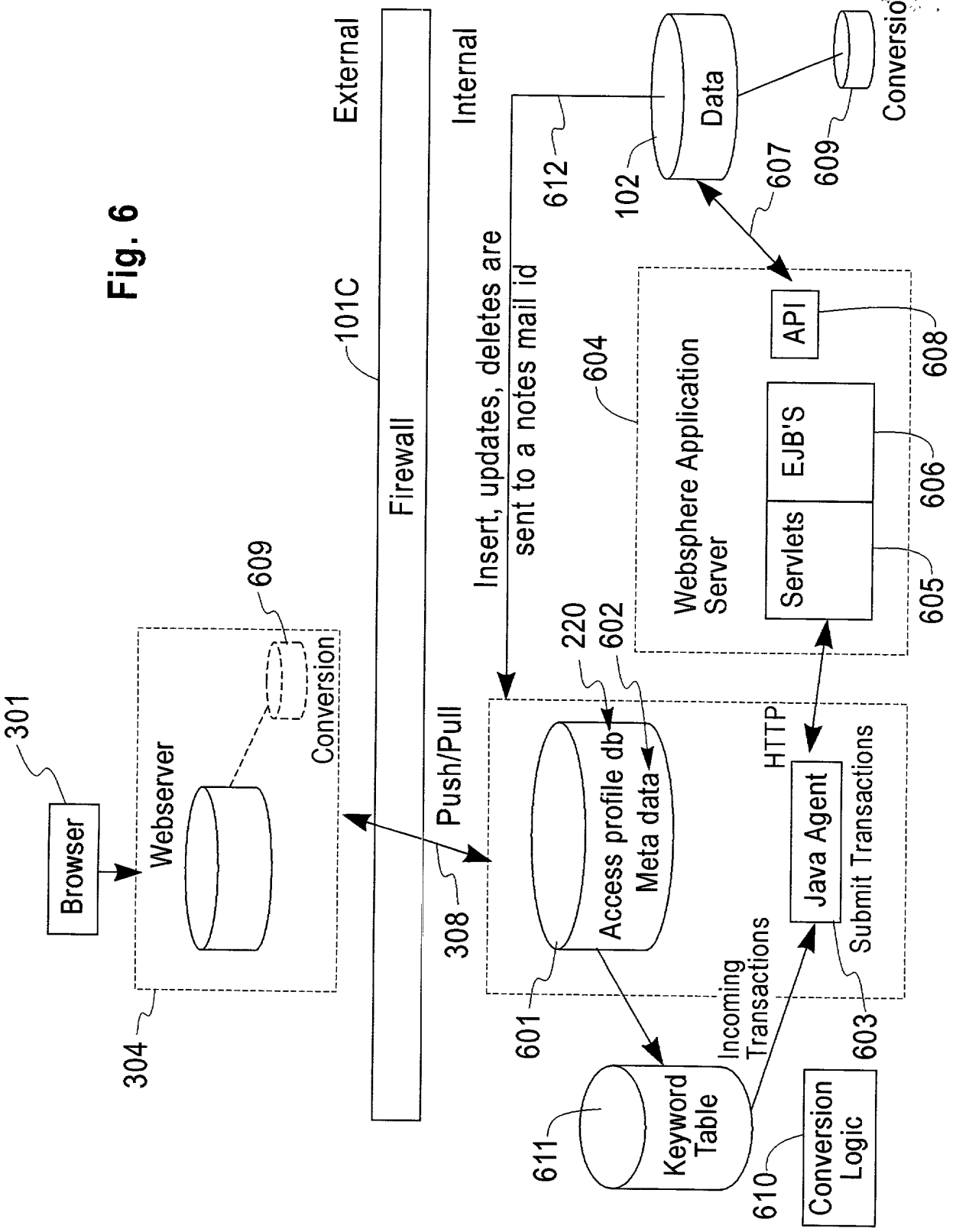
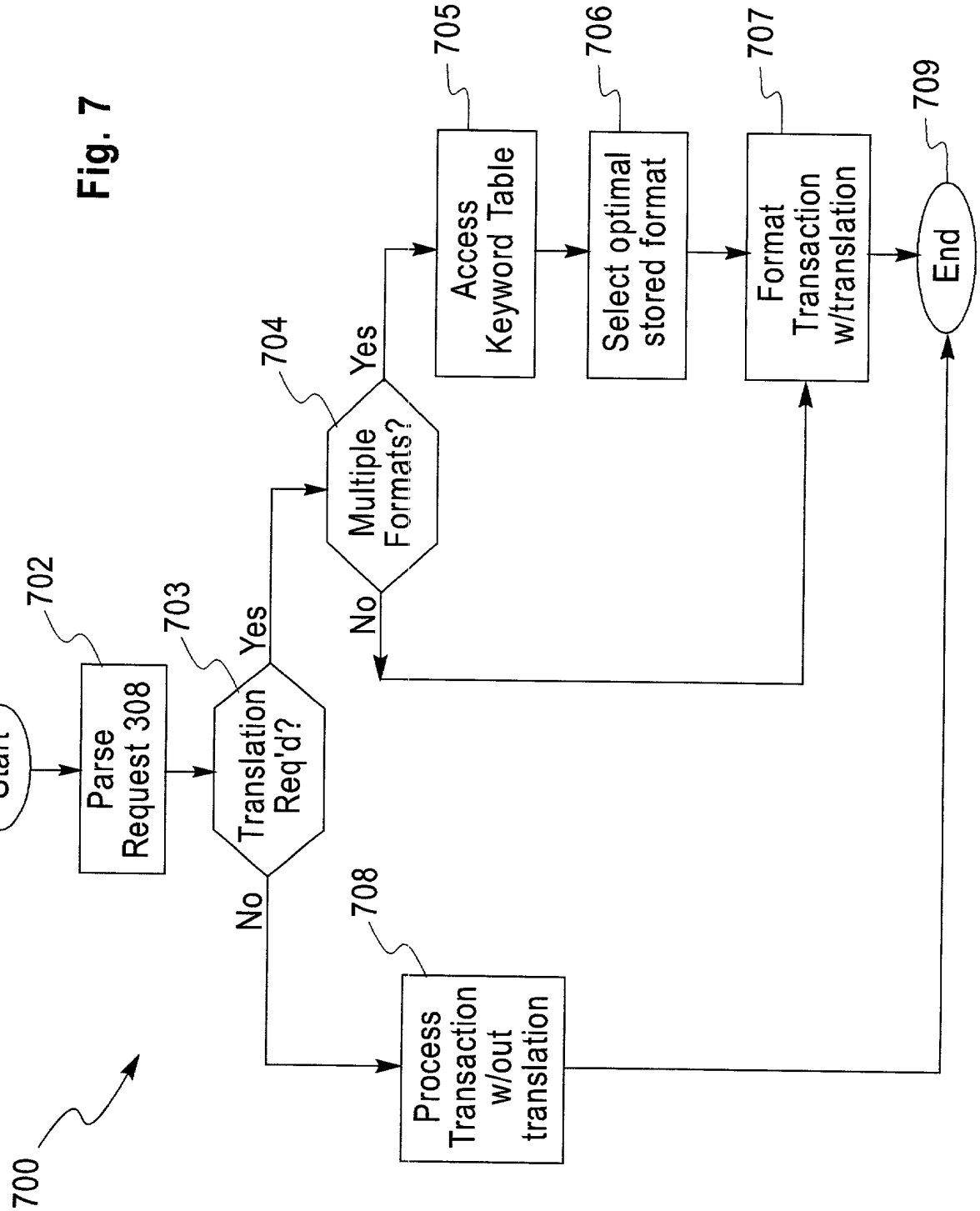

External
Internal
101C
Firewall
Insert, updates, deletes are
sent to a notes mail id
612
102
Data
607
609
Conversion
604
Websphere Application
Server
API
608
EJB'S
606
Servlets
605
220
602
Access profile db
Meta data
HTTP
Java Agent
Submit Transactions
603
601
Incoming
Transactions
611
Keyword
Table
610
Conversion
Logic
308
Push/Pull
304
Webserver
609
Conversion
301
Browser

Fig. 7


700
Start
701
Parse Request 308
702
Translation Req'd?
703
Yes
No
Multiple Formats?
704
Yes
No
Access Keyword Table
705
Select optimal stored format
706
Format Transaction w/translation
707
End
709
Process Transaction w/out translation
708

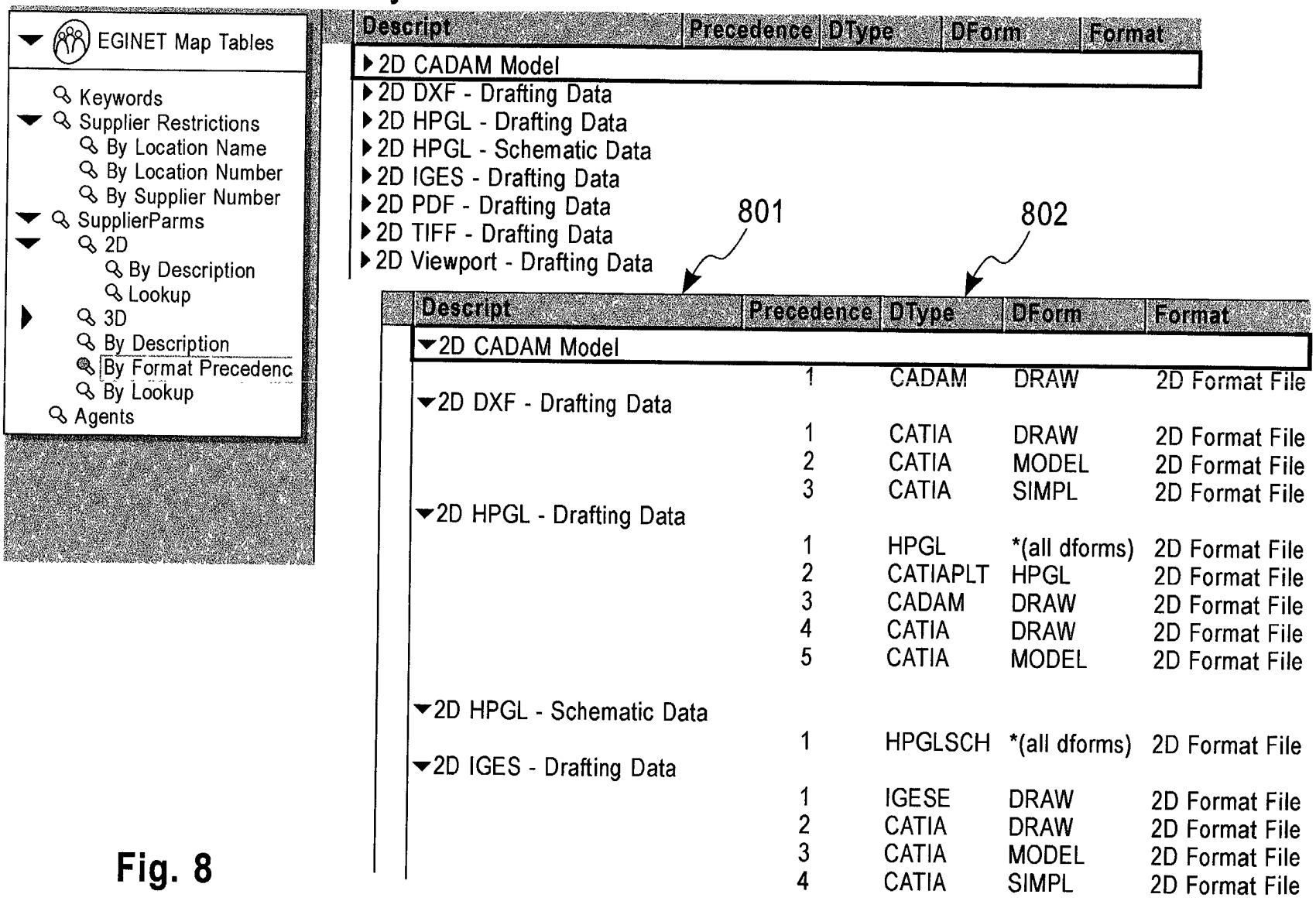

800
Keyword Table
EGINET Map Tables
Keywords
Supplier Restrictions
By Location Name
By Location Number
By Supplier Number
SupplierParms
2D
By Description
Lookup
3D
By Description
By Format Precedenc
By Lookup
Agents
Descript
Precedence
DType
DForm
Format
2D CADAM Model
2D DXF - Drafting Data
2D HPGL - Drafting Data
2D HPGL - Schematic Data
2D IGES - Drafting Data
2D PDF - Drafting Data
2D TIFF - Drafting Data
2D Viewport - Drafting Data
801
802
2D CADAM Model
1 CADAM DRAW 2D Format File
2D DXF - Drafting Data
1 CATIA DRAW 2D Format File
2 CATIA MODEL 2D Format File
3 CATIA SIMPL 2D Format File
2D HPGL - Drafting Data
1 HPGL *(all dforms) 2D Format File
2 CATIAPLT HPGL 2D Format File
3 CADAM DRAW 2D Format File
4 CATIA DRAW 2D Format File
5 CATIA MODEL 2D Format File
2D HPGL - Schematic Data
1 HPGLSCH *(all dforms) 2D Format File
2D IGES - Drafting Data
1 IGESE DRAW 2D Format File
2 CATIA DRAW 2D Format File
3 CATIA MODEL 2D Format File
4 CATIA SIMPL 2D Format File

Fig. 8

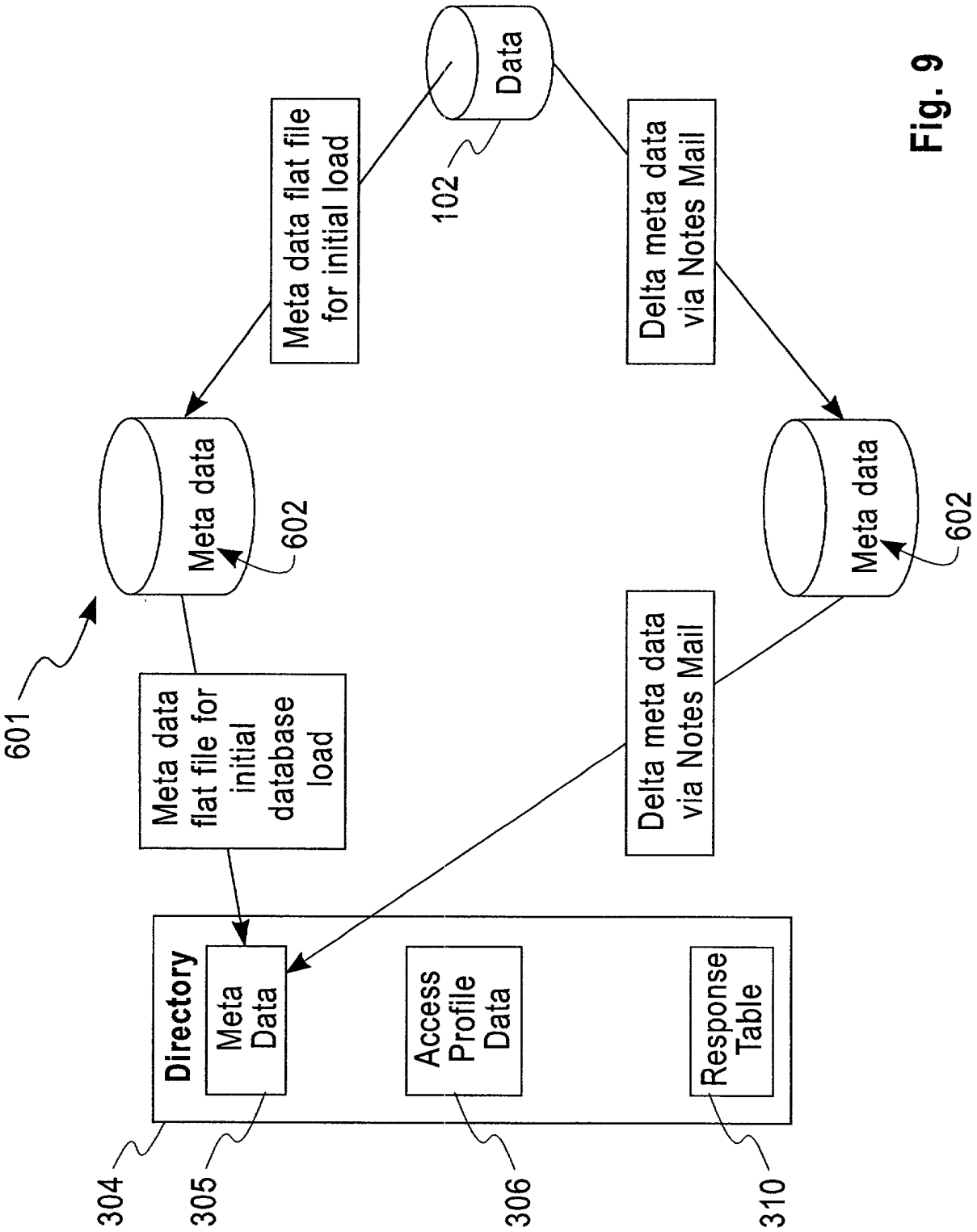

Data
102
Meta data flat file for initial load
Delta meta data via Notes Mail
Meta data
602
Meta data
602
601
Meta data flat file for initial database load
Delta meta data via Notes Mail
Directory
Meta Data
Access Profile Data
Response Table
304
305
306
310

Fig. 9